

Jian Dong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

193
citations

9
h-index

13
g-index

29
ext. papers

241
ext. citations

4.2
avg, IF

2.83
L-index

#	Paper	IF	Citations
27	Improvement of sludge characteristics and mitigation of membrane fouling in the treatment of pesticide wastewater by electrochemical anaerobic membrane bioreactor.. <i>Water Research</i> , 2022 , 213, 118153	12.5	0
26	Semi-analytical model for the heat conduction resistance of a single spherical condensate droplet. <i>International Journal of Heat and Mass Transfer</i> , 2022 , 185, 122419	4.9	
25	Removal of azimsulfuron and zoxamide using a tapered variable diameter biological fluidized bed combined with electrochemistry: Mass fraction division, energy metabolism activity and carbon emissions.. <i>Bioresource Technology</i> , 2021 , 346, 126518	11	1
24	Optimizing anaerobic technology by using electrochemistry and membrane module for treating pesticide wastewater: Chemical oxygen demand components and fractions distribution, membrane fouling, effluent toxicity and economic analysis.. <i>Bioresource Technology</i> , 2021 , 346, 126608	11	0
23	Which Is the Motion State of a Droplet on an Inclined Hydrophilic Rough Surface in Gravity: Pinned or Sliding?. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3734	2.6	0
22	Spark Plasma Sintering of LiFePO ₄ : AC Field Suppressing Lithium Migration. <i>Materials</i> , 2021 , 14,	3.5	3
21	Athermal electric field effects in flash sintered zirconia. <i>Advances in Applied Ceramics</i> , 2021 , 120, 193-201	2.3	2
20	Flash sintering of zircon: rapid consolidation of an ultrahigh bandgap ceramic. <i>Journal of Asian Ceramic Societies</i> , 2021 , 9, 374-381	2.4	1
19	Magnetic Field Generated during Electric Current-Assisted Sintering: From Health and Safety Issues to Lorentz Force Effects. <i>Metals</i> , 2020 , 10, 1653	2.3	4
18	Construction of industrial baker's yeast with high level of cAMP. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12846	3.3	2
17	Modulating acetate ester and higher alcohol production in <i>Saccharomyces cerevisiae</i> through the cofactor engineering. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019 , 46, 1003-1011	4.2	5
16	High entropy Sr((Zr _{0.94} Y _{0.06}) _{0.2} Sn _{0.2} Ti _{0.2} Hf _{0.2} Mn _{0.2})O _{3-δ} perovskite synthesis by reactive spark plasma sintering. <i>Journal of Asian Ceramic Societies</i> , 2019 , 7, 127-132	2.4	29
15	Increased Acetate Ester Production of Polyploid Industrial Brewer's Yeast Strains via Precise and Seamless "Self-cloning" Integration Strategy. <i>Iranian Journal of Biotechnology</i> , 2019 , 17, e1990	1	3
14	Gradual enhancement of ethyl acetate production through promoter engineering in chinese liquor yeast strains. <i>Biotechnology Progress</i> , 2018 , 34, 328-336	2.8	4
13	Numerical Study for a Large-Volume Droplet on the Dual-Rough Surface: Apparent Contact Angle, Contact Angle Hysteresis, and Transition Barrier. <i>Langmuir</i> , 2018 , 34, 8119-8127	4	12
12	Nanograsped Micro-V-Groove Architectures for Continuous Dropwise Condensation and Droplet Directional Movement. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800202	4.6	7
11	Identifying key factors of the seawater intrusion model of Dagou river basin, Jiaozhou Bay. <i>Environmental Research</i> , 2018 , 165, 425-430	7.9	20

10	Monolithic-integrated piezoresistive MEMS accelerometer pressure sensor with glass-silicon-glass sandwich structure. <i>Microsystem Technologies</i> , 2017 , 23, 1563-1574	1.7	7
9	Numerical Calculation Method of Apparent Contact Angles on Heterogeneous Double-Roughness Surfaces. <i>Langmuir</i> , 2017 , 33, 10411-10418	4	12
8	<i>Saccharomyces cerevisiae</i> proteinase A excretion and wine making. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 210	4.4	9
7	Improving freeze-tolerance of baker's yeast through seamless gene deletion of NTH1 and PUT1. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 817-28	4.2	12
6	Construction of self-cloning industrial brewer's yeast with SOD1 gene insertion into PEP4 prosequence locus by homologous recombination. <i>Journal of the Institute of Brewing</i> , 2016 , 122, 322-328		1
5	Enhanced acetate ester production of Chinese liquor yeast by overexpressing ATF1 through precise and seamless insertion of PGK1 promoter. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014 , 41, 1823-8	4.2	7
4	A two-step integration method for seamless gene deletion in baker's yeast. <i>Analytical Biochemistry</i> , 2013 , 439, 30-6	3.1	9
3	Effects of overexpression of the alcohol acetyltransferase-encoding gene ATF1 and disruption of the esterase-encoding gene IAH1 on the flavour profiles of Chinese yellow rice wine. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 2590-2596	3.8	16
2	Construction of recombinant industrial brewer's yeast with lower diacetyl production and proteinase A activity. <i>European Food Research and Technology</i> , 2012 , 235, 951-961	3.4	27
1	Flash cold sintering of Nb2O5: polarity and electrolyte effects. <i>Journal of Asian Ceramic Societies</i> , 1-6	2.4	0